

SAP Tax Service

Configuration Overview



SAP Cloud Platform

Tax Service configuration
requirements in the
SCP Cockpit

Activating the Subscription

At the SAP Cloud Platform Cockpit

The screenshot displays the SAP Cloud Platform Cockpit interface. The left sidebar contains a navigation menu with the following items: Overview, Applications (with a dropdown arrow), Java Applications, HTML5 Applications, HANA XS Applications, Subscriptions, Services (highlighted with a dotted line), Solutions, SAP HANA / SAP ASE (with a dropdown arrow), Database Systems, Databases & Schemas, Service Requests, Connectivity (with a dropdown arrow), Destinations, Cloud Connectors, Security (with a dropdown arrow), and Trust. The main content area is a grid of service cards. The top row includes Data Quality Services (Not enabled), Rapid Application Development b... (Not enabled), and SAP Translation Hub (Not enabled). The middle row includes SAP Web IDE Full-Stack (Enabled) and Tax Service (Enabled), with a large blue arrow pointing to the Tax Service card. The bottom row includes Integration Suite (API Management, Connectivity, OData Provisioning) and Open Connectors (Not enabled), Process Integration, and SAP API Business Hub (Enabled). The Tax Service card is highlighted with a blue arrow, indicating it is the focus of the activation process.

Service Name	Status	Description
Data Quality Services	Not enabled	Embed data quality services to validate addresses and enrich with geocodes.
Rapid Application Development b...	Not enabled	Develop SAP business applications with a low-code, graphical toolset.
SAP Translation Hub	Not enabled	Translate UI texts and get suggestions for UI texts during development.
SAP Web IDE Full-Stack	Enabled	Create and extend SAP full-stack applications for browsers and mobile devices.
Tax Service	Enabled	Determine and compute indirect tax for tax compliance in 120 countries.
API Management	Enabled	Expose your data and processes as APIs and manage their lifecycles.
Connectivity	Enabled	Establish connections between cloud applications and on-premise systems.
OData Provisioning	Enabled	Access data in SAP Business Suite using OData services.
Open Connectors	Not enabled	Simplifv integration via APIs
Process Integration	Not enabled	Seamlessly orchestrate business
SAP API Business Hub	Enabled	Discover, explore and test the APIs

Activating the Subscription

Subscribed Applications

SAP Cloud Platform Cockpit

HTML5 Applications

HANA XS Applications

Subscriptions

Services

Solutions

SAP HANA / SAP ASE

Database Systems

Databases & Schemas

Service Requests

Connectivity

Destinations

Cloud Connectors

Security

Trust

Authorizations

OAuth

Useful Links

Legal Information

State	Provider Subaccount	Application	Start Time	Actions
✓	SAP API Management	opproxy	29 Jan 2020, 04:14:22 (GMT-03:00)	
✓	trial	portal	29 Jan 2020, 11:04:23 (GMT-03:00)	
✓	trial	portaldt	29 Jan 2020, 11:01:52 (GMT-03:00)	
✓	Globalisation Services	taxconfiguration	20, 15:56:07 (GMT-03:00)	
✓	Globalisation Services	taxservice	7 Jan 2020, 16:05:42 (GMT-03:00)	

Subscribed HTML5 Applications (All: 10)

New Subscription

State	Provider Subaccount	Application	Name	Active Version	Actions
✓	trial	flpportal	flpportal	3.104.1	
✓	Globalisation Services	managetaxconfiguration	managetaxconfiguration	1.7.5	
✓	trial	portalapptemplates	portalapptemplates	3.104.1	
✓	trial	portalsfextapptemplates	portalsfextapptemplates	0.0	
✓	trial	portalsfextsitemplates	portalsfextsitemplates	3.104.1	
✓	trial	portalsitemplates	portalsitemplates	3.104.1	
✓	trial	portaltrialcontent	portaltrialcontent	3.62.5	
✓	trial	portalwebideplugin	portalwebideplugin	3.104.1	
✓	Globalisation Services	simulationui	simulationui	1.8.9	
✓	Globalisation Services	taxconfigbatchuploader	taxconfigbatchuploader	1.6.3	

Activating the Subscription

Check Created Destinations

SAP Cloud Platform Cockpit

Home [Europe (Rot) - Trial] / Europe (Rot) - Trial / s0021281515trial

Subaccount: s0021281515trial - Destinations

All: 8

Search

HTTP	SAPCommSales	ProxyType URL	Internet http://ec2-54-233-173-222.sa-east-1.compute.amazonaws.com...	    
HTTP	TaaSForGUI	Authentication ProxyType URL	OAuth2SAMLBearerAssertion Internet https://taxconfigurationuff2b3f81-s0021281515trial.hana.onde...	    
HTTP	taasSimulation	Authentication ProxyType URL	OAuth2SAMLBearerAssertion Internet https://taxserviceuff2b3f81-s0021281515trial.hanatrial.ondema...	    
HTTP	TAXCONFIGURATION	Authentication ProxyType URL	AppToAppSSO Internet https://taxconfigurationuff2b3f81-s0021281515trial.hanatrial.on...	    
HTTP	webide_di	Authentication ProxyType URL	AppToAppSSO Internet https://disapwebide-s0021281515trial.hanatrial.ondemand.com/	    

Configuring the OAuth Security

Clients for SAP S/4HANA Access, Simulator and Tax Configuration

The screenshot displays the SAP Cloud Platform Cockpit interface. The top navigation bar shows the SAP logo, the text "SAP Cloud Platform Cockpit", and the user name "Danilo". The breadcrumb trail indicates the current location: "Home [Europe (Rot) - Trial] / Europe (Rot) - Trial / s0021281515trial". The main content area is titled "Subaccount: s0021281515trial - OAuth" and "OAuth Settings".

On the left, a navigation menu lists various services and configurations, with "OAuth" selected. The main area shows a "Clients" tab with a table of registered clients and a form for configuring a new client.

Client ID	Name	Subscription	Actions
taxserviceui	taxserviceui	uff2b3f81/taxservice	
taxconfiguser	taxconfiguser	uff2b3f81/taxconfiguration	
taxconfigui	taxconfigui	uff2b3f81/taxconfiguration	
taxserviceuser	taxserviceuser	uff2b3f81/taxservice	

Below the table, the configuration form for a client is shown:

- Name:** taxconfiguser
- Description:** [Empty text area]
- Subscription:** uff2b3f81/taxconfigui
- ID:** taxconfiguser
- Authorization Grant:** Client Credentials
- Confidential:**
- Secret:** [Empty text area]
- Token Lifetime:** [Empty text area] days Infinite if empty

Configuring the OAuth Security

Generation the Key for the Onboarding Procedure

The screenshot displays the SAP Cloud Platform Cockpit interface. The left sidebar shows navigation options: Java Applications, HTML5 Applications, HANA XS Applications, Subscriptions, Services, Solutions, SAP HANA / SAP ASE, Database Systems, Databases & Schemas, Service Requests, Connectivity, Destinations, Cloud Connectors, Security, and Trust. The main content area is titled 'Trust Management' and shows the configuration for a 'Local Service Provider' for the subaccount 's0021281515trial'. The configuration type is set to 'Custom'. The local provider name is 'https://hanatrial.ondemand.com/s0021281515trial'. The signing key and signing certificate are displayed as long alphanumeric strings. A 'Generate Key Pair' button is visible next to the signing certificate field. The principal propagation is set to 'Enabled' and force authentication is set to 'Disabled'. 'Save' and 'Cancel' buttons are at the bottom of the configuration form.

SAP Cloud Platform Cockpit

Home [Europe (Rot) - Trial] / Europe (Rot) - Trial / s0021281515trial

Subaccount: s0021281515trial - Trust

Trust Management

Local Service Provider | Application Identity Provider

Manage Local Provider Settings for s0021281515trial

Configuration Type: Custom

Local Provider Name: * https://hanatrial.ondemand.com/s0021281515trial

Signing Key: * MIIeVQIBADANBgkqhkiG9w0BAQEFAASCBAwGAgEAAoIBAQCldZ7I3APpjjYnz7FCh0dRQQbAt8s6WKPh85yi6YTF+QrA3fpzFJEZ Xnqzgj4cY7OUNgv02VFW5Dsgz/e6t1/DibxHfiSPV+pGOXzgA3hA P5o7WLLWNv4bm9X6XKwZORG1pEQYUGBHRnk7yJR5zmSwsK6 e2w3b4onh8g+Zetlzwfe68LQMGIeVxfarTF3ST2kaBassSIKQNmT

Signing Certificate: * MIIDeTCCAmGgAwIBAgIEZg8FrDANBgkqhkiG9w0BAQUFADBtMQswCQYDVQQGEwJERTEPMA0GA1UEChMGU0FQIEFHMRMwEQYDVQQLEwpIQU5BIENsb3VkMTgwNgYDVQQDEy9odHRwczovL2hhbmF0cmllbC5vbmRlbWFuZC5jb20vczAwMjE1MTV0cmllbDhDaEw0xOTEvMDIxNiQ2MDNaFw0vOTEvMDIxNiQ2MDNaMG0

Principal Propagation: Enabled

Force Authentication: Disabled

Generate Key Pair

Save Cancel

Get Metadata

SAP S/4HANA

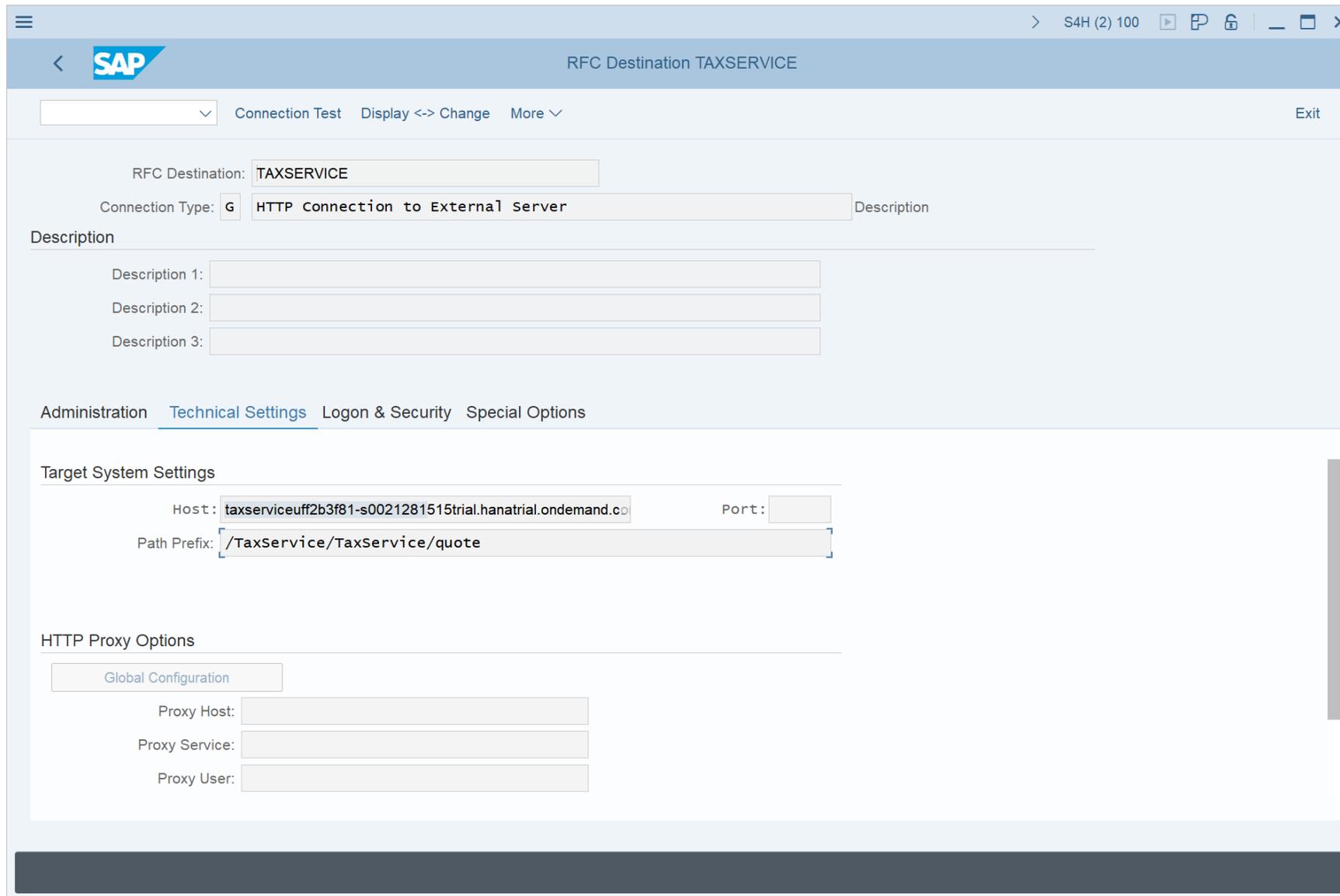
ver.1809

—

Customizing to activate
external Tax Calculation

Creating the Connection

HTTP Connection to the SCP Tax Service



The screenshot shows the SAP configuration interface for an RFC Destination named 'TAXSERVICE'. The connection type is 'G HTTP Connection to External Server'. The 'Target System Settings' section is active, showing the host 'taxserviceuff2b3f81-s0021281515trial.hanatrial.ondemand.co' and path prefix '/TaxService/TaxService/quote'. The 'HTTP Proxy Options' section is also visible with fields for Proxy Host, Proxy Service, and Proxy User.

Navigation: < SAP RFC Destination TAXSERVICE

Actions: Connection Test, Display <-> Change, More, Exit

RFCDestination: TAXSERVICE

Connection Type: G HTTP Connection to External Server Description

Description

Description 1:

Description 2:

Description 3:

Administration Technical Settings Logon & Security Special Options

Target System Settings

Host: taxserviceuff2b3f81-s0021281515trial.hanatrial.ondemand.co Port:

Path Prefix: /TaxService/TaxService/quote

HTTP Proxy Options

Global Configuration

Proxy Host:

Proxy Service:

Proxy User:

SSL Configuration

Establishing Trust between S/4HANA and SCP Tax Service

The screenshot shows the SAP Trust Manager interface. The left sidebar contains a tree view of configuration objects, with 'SSL client SSL Client (Anonymous)' selected. The main area displays the configuration for this client, including the 'Own Certificate' section with a subject of 'CN=anonymous' and a 'Certificate List' table.

Trust Manager: Display

System PSE

SNC SAPCryptolib

- SSL server Standard
- SSL client SSL Client (Anonymous) (Selected)
- vhcals4hci_S4H_00
- SSL client BCM
- SSL client SSL Client (Standard)
- SSL client PAYPAL
- WS Security Standard
- WS Security Other System Encryption Ce
- WS Security WS Security Keys
- SMIME Standard
- File
- SSF Collaboration Integration Library: oAu
- SSF E-Learning
- SSF OA2CS
- SSF SAML2 Service Provider - Encryption
- SSF SAML2 Service Provider - Signature
- SSF Logon Ticket
- SSF UI2 Feedback Service

SSL client SSL Client (Anonymous)

Own Certificate

Subject: **CN=anonymous**

(Self-Signed)

Issuer Certificates

Trust issuer certificates

Certificate List

Owner	Valid From	Valid To
CN=*.hanatrial.ondemand.com, OU=SAP Cloud Managed Services, O=SAP SE, L=Walldorf, C=DE	12/28/2018	02/05/2021

Verification PSE Password

Local PSE OK Continue

OAuth and SAML Configuration

Establishing Trust between S/4HANA and SCP Tax Service

OAuth 2.0 Clients

OAuth 2.0 Clients

Overview

SAML 2.0 Enabled

Service Provider Type	Profile	Configuration Name	OAuth 2.0 Client ID
DEFAULT	SAP_COM_0249_PREM	SAP_COM_0249_PREM	taxserviceuser

Details

Administration | Scopes | Enhancement Settings

Created By DGREB Created On 02/01/2020 Created At 08:19:56 Changed By DGREB Changed On 02/01/2020 Changed At 08:19:56

General Settings

Service Provider Type: DEFAULT
 Profile: SAP_COM_0249_PREM
 Configuration Name: SAP_COM_0249_PREM
 OAuth 2.0 Client ID: taxserviceuser
 OAuth 2.0 Client ID (Internal): 12EAF41E42C31EDA91997273822FCFFB
 Client Secret:

Access Settings

Client Authentication: Basic
 Form Fields

Resource Access Authentication: Header Field
 Form Field

Selected Grant Type: Current user related
 Resource Owner Password Credentials
 Client Credentials

Grant Type (Current User related): Authorization Code
 SAML 2.0 Bearer Assertion

Redirection URI Server:

Redirection URI:

Target Endpoint:

SAML 2.0 Audience:

SAML 2.0 Recipient:

User E-Mail for SAML 2.0 Name ID:

Resource Owner Password Credentials: Request Tokens ...

Refresh Token Validity: [in days]

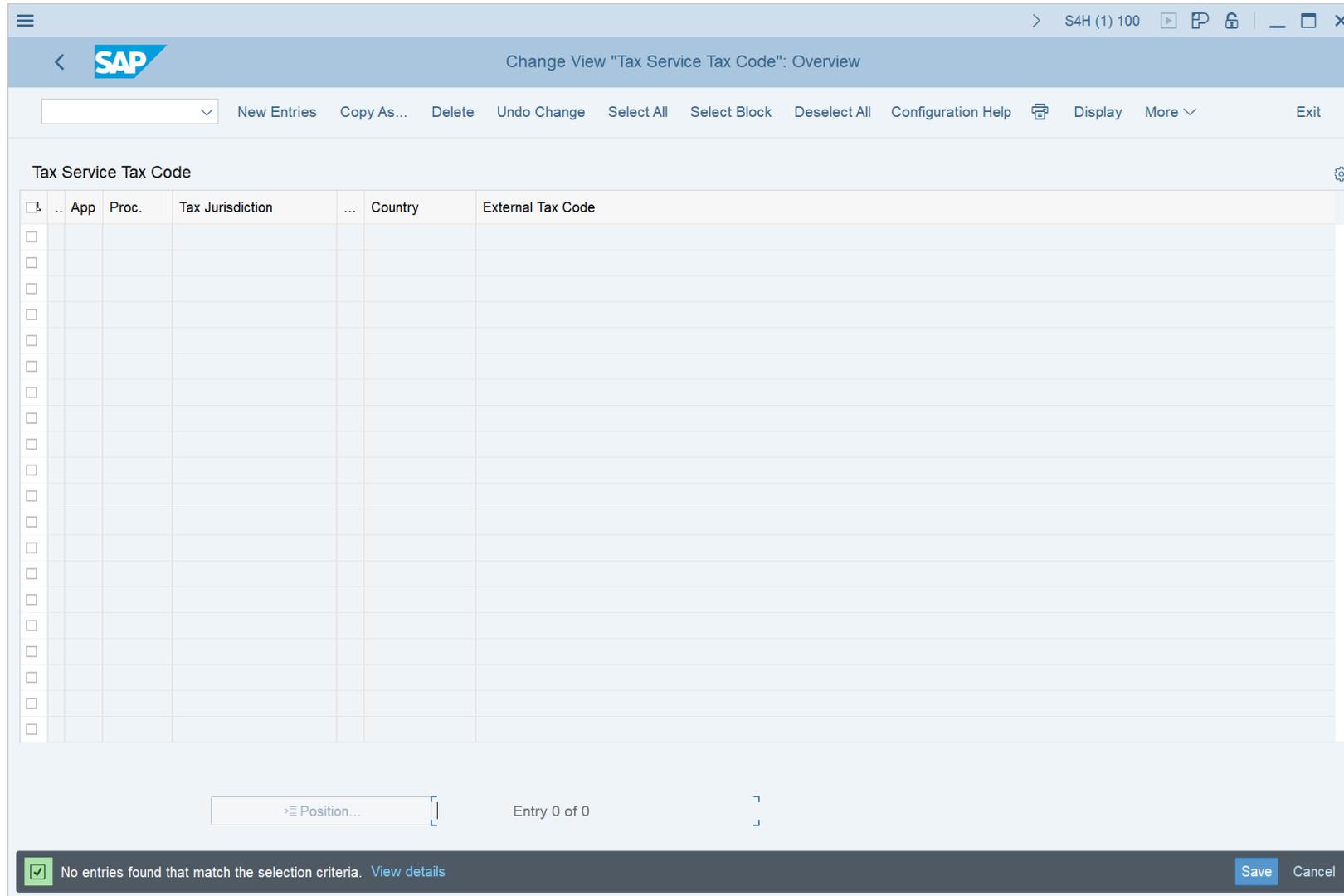
Proxy Host:

Proxy Port:

Proxy User:

SAP Localization Hub, Tax Service Customizing

Tax Code Mapping



The screenshot shows the SAP Tax Service Tax Code configuration interface. The window title is "S4H (1) 100". The main header displays the SAP logo and the text "Change View 'Tax Service Tax Code': Overview". Below the header is a menu bar with options: "New Entries", "Copy As...", "Delete", "Undo Change", "Select All", "Select Block", "Deselect All", "Configuration Help", "Display", "More", and "Exit".

The main content area is titled "Tax Service Tax Code" and contains a table with the following columns: "App", "Proc.", "Tax Jurisdiction", "Country", and "External Tax Code". The table is currently empty, showing 15 rows. A search bar is located at the bottom left of the table area, containing the text "Position...".

At the bottom of the screen, there is a status bar with a green checkmark icon and the text "No entries found that match the selection criteria. [View details](#)". To the right of the status bar are "Save" and "Cancel" buttons.

App	Proc.	Tax Jurisdiction	Country	External Tax Code

SD/MM Customizing

Pricing Procedure

SAP Change View "Procedures - Control Data": Overview

Procedure: **TAASBR** Custom Tax Service Procedure

Procedures - Control Data

Reference Step Overview

Step	Cou...	Con...	Description	From ...	To St...	Man...	R...	Stat...	Rel...	Print Type	Subtotal	Require...	Alt.Calcul...	Alt.Cond...	Account ...	Accruals
<input type="checkbox"/>	10	0	PR00	Price				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			2				
<input type="checkbox"/>	45	0						<input type="checkbox"/>	<input type="checkbox"/>	X						
<input type="checkbox"/>	50	0	RB00	Discount (Value)				<input type="checkbox"/>	<input checked="" type="checkbox"/>			2				
<input type="checkbox"/>	290	0						<input type="checkbox"/>	<input checked="" type="checkbox"/>		K					
<input type="checkbox"/>	300	0	ICMI	Price+Tax (for NF)				<input type="checkbox"/>	<input type="checkbox"/>	X		2	323		ERL	
<input type="checkbox"/>	320	0	K004	Material				<input type="checkbox"/>	<input type="checkbox"/>			2			ERS	
<input type="checkbox"/>	321	0	K007	Customer Discount				<input type="checkbox"/>	<input type="checkbox"/>			2			ERS	
<input type="checkbox"/>	322	0	K005	Customer/Material				<input type="checkbox"/>	<input type="checkbox"/>			2			ERS	
<input type="checkbox"/>	329	0			320	328		<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	595	0				590		<input type="checkbox"/>	<input type="checkbox"/>							
<input type="checkbox"/>	600	0	TXSC	Taas Custom Created	595			<input checked="" type="checkbox"/>	<input type="checkbox"/>				279			
<input type="checkbox"/>	610	0	IPI3	IPI from SD				<input checked="" type="checkbox"/>	<input type="checkbox"/>				279		Mw1	
<input type="checkbox"/>	620	0	ICM3	ICMS from SD				<input checked="" type="checkbox"/>	<input type="checkbox"/>				279		Mw2	
<input type="checkbox"/>	630	0	ICS3	Sub.Trib. from SD				<input checked="" type="checkbox"/>	<input type="checkbox"/>				279		Mw3	
<input type="checkbox"/>	640	0	ISS3	ISS from SD				<input checked="" type="checkbox"/>	<input type="checkbox"/>				279		Mw4	
<input type="checkbox"/>	650	0	ICZF	ADMS Disc. Zona Fr.				<input checked="" type="checkbox"/>	<input type="checkbox"/>				279		Mw5	
<input type="checkbox"/>	660	0	IFR3	ICMS on freight SD				<input checked="" type="checkbox"/>	<input type="checkbox"/>				279		Mw3	
<input type="checkbox"/>	670	0	IFS3	ICMS ST freight SD				<input checked="" type="checkbox"/>	<input type="checkbox"/>				279		Mw3	
<input type="checkbox"/>	700	0			610	690		<input type="checkbox"/>	<input type="checkbox"/>	X						
<input type="checkbox"/>	720	0	ICM0	ICMS offset	620			<input type="checkbox"/>	<input type="checkbox"/>						BRI	
<input type="checkbox"/>	730	0	ICSO	ISS offset	640			<input type="checkbox"/>	<input type="checkbox"/>						BRI	
<input type="checkbox"/>	740	0	DIFF	Rounding Off				<input type="checkbox"/>	<input type="checkbox"/>			13	16	4	ERS	
<input type="checkbox"/>	750	0						<input type="checkbox"/>	<input type="checkbox"/>	X			4			
<input type="checkbox"/>	800	0	SKTO	Cash Discount				<input type="checkbox"/>	<input checked="" type="checkbox"/>			9		11		
<input type="checkbox"/>	810	0	VPRS	Internal price				<input type="checkbox"/>	<input type="checkbox"/>		B	4				
<input type="checkbox"/>	900	0	J1W1	Withholding Tax 1				<input type="checkbox"/>	<input checked="" type="checkbox"/>			83				
<input type="checkbox"/>	910	0	J1W2	Withholding Tax 2				<input type="checkbox"/>	<input checked="" type="checkbox"/>			83				
<input type="checkbox"/>	920	0	J1W3	Withholding tax 3				<input type="checkbox"/>	<input checked="" type="checkbox"/>			83				

Entry 1 of 28

Save Cancel

Questions



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